

CLAIM AMENDMENTS

Claims 1-39 (Cancelled)

40. (New) An isolated polynucleotide selected from the group consisting of (a) a polynucleotide having the sequence as shown in FIG. 1A (SEQ ID NO: 1), wherein T can also be U; (b) a polynucleotide having the sequence as shown in FIG. 1A (SEQ ID NO: 1), from nucleotide residue number 66 through nucleotide residue number 1082, wherein T can also be U; (c) a polynucleotide encoding a STEAP-1 polypeptide whose sequence is encoded by the cDNAs contained in the plasmid deposited with American Type Culture Collection as Accession No. 98849; and (d) a polynucleotide encoding a STEAP-1 protein having the amino acid sequence as shown in FIG. 1A (SEQ ID NO: 2).

41. (New) An isolated polynucleotide which is fully complementary to a polynucleotide according to claim 40.

42. (New) An isolated polynucleotide according to claim 40 or 41 which is labeled with a detectable marker.

43. (New) A recombinant expression vector which comprises a polynucleotide according to claim 40 or 41.

44. (New) A host cell which comprises an expression vector according to claim 43.

45. (New) A process for producing a STEAP-1 protein comprising culturing a host cell of claim 44 under conditions that produce the protein and recovering the STEAP-1 protein from the culture.